Phonak AG
Laubisrütistrasse 28
CH-8712 Stäfa
Switzerland
www.audeoworld.com

PHONAK life is on

029-0230-02/V1.00/2010-07/cu © Phonak AG All rights reserved

AUDÉO
PERFECT FIT EARPHONES

User Guide

Audéo PFE 012 Perfect Bass

Thank you for choosing the Audéo Perfect Fit Earphones (PFE) from Phonak, the world's leading designer and manufacturer of hearing systems.
Audéo PFE intensifies the listening experience thanks to the fusion of design, perfect fit, and rich sound. They are the perfect earphones for those who want to enjoy music without limits.

Reduced volume or no sound? The audio filter might be blocked. Please replace the audio filters! (For details, consult the user guide.)

Descriptions

Please read this manual carefully before using your earphones.

1. Package content

a. Earphones and green audio filters for Perfect Bass (already mounted)

b. Silicone ear tips – 1 pair S, 1 pair M, 1 pair L

a.

b.

Original accessories can be purchased from authorized Phonak dealers or on the www.audeoworld.com website (available in selected countries).

2. Additional accessories available for your Audéo PFE Perfect Bass

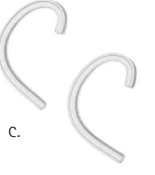
a. Audio filters:
- Set with 8 audio filters grey for emphasis of mid-frequencies
- Set with 8 audio filters black for emphasis of trebble and bass
- Set with 8 audio filters green for Perfect Bass

b. Comply™ foam ear tips:
- Set with 3 pairs small + 1 cleaning tool
- Set with 3 pairs medium + 1 cleaning tool
- Set with 3 pairs big + 1 cleaning tool

c. Ear guides
- Set with 3 pairs silicone ear guides

a.

b.

c. 

3. Important information

PREVENTION OF HEARING LOSS

CAUTION: Permanent hearing loss may occur if earphones are used at high volumes for prolonged periods of time.
NOTE: For France, these earphones have been tested to comply with the Sound Pressure Level requirement stipulated in French article L. 5232-1.

In order to protect your hearing, we recommend the following:

- Always listen to the lowest possible volume for limited periods of time.
- You should immediately stop listening if you experience ringing in your ears or other pain or discomfort.
- Ideally, do not exceed 50% of the maximum volume of an MP3 player and do not listen for more than 1 hour a day.
- In order to avoid dangerous sound bursts, always turn the volume of the sound source down before connecting your Audéo PFE to it.

Warnings

- Do not use this product in other ways than described in this manual.
- Since the earphones block out ambient noise, never use them while operating machinery or driving any kind of vehicle, walking, biking, jogging or during any other activity where failure to hear outside sounds or alerts can be dangerous.
- Keep this product and its accessories out of the reach of children. Handling or use by children may pose a threat of death or serious injury. This product contains small parts and a cord that may pose a risk of choking or strangulation.
- If an ear tip or an audio filter becomes lodged in your ear, seek medical assistance to remove the ear tip or audio filter. If removal is performed without proper medical assistance, the ear may be damaged.
- Before inserting the earphones, make sure that the ear tips are attached firmly to the sound tube.
- If the earphones cause discomfort or irritation, stop using them. Consult a physician or audiologist if needed.
- Handle the earphones with care.
- Do not expose the earphones to extreme temperatures or to strong magnetic fields. Do not immerse them in liquid. Avoid sharp blows to the earphones.
- **Keep these instructions and recommendations so you can review them in the future.**

4. How to use

Only use Audéo PFE with original parts. Never use accessories from other manufacturers. They may not be compatible with Audéo PFE and can modify the frequency response of your earphones, damage them or even cause injury!

a. Wearing the earphones

Audéo PFE deliver amazing sound if correctly inserted in the ears and if an absolute seal is achieved. To experience their best performance, proceed as follows:

1. Turn the volume of the sound source to a minimum before connecting the earphones.

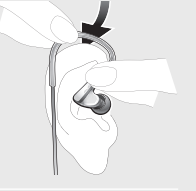
2. Identify the left and right earphones.

3. Attach the silicone ear guides to the cables and pull through to the earphones. The ear guides route the wires comfortably around the ears and ensure a perfect fit and reduced cable noise. The snug fit is especially great during exercise because the earphones stay firmly in place. Use of the ear guides is optional.

4. If you are using Comply™ foam tips, compress them with your fingers.

5. Hold each earphone by the "leg", with the cable pointing up, and the ear tips towards your head.

6. Place the cable behind the ear and insert the ear tips into your ear canal with a gentle push. Do not force the earphones into the ears! If the ear tips are too big, try a smaller size.



7. The cables hang behind the ears and then "down the back" or " on the chest". With the ear guides attached, the cable is routed perfectly around your ear.

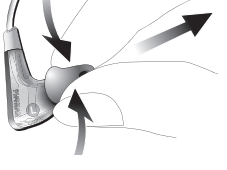
8. The ear tips should seal the ear canal and fit without any discomfort. Rotate the earphones so that the "leg" points diagnally towards the top of the ear.

If you feel that the ear tips are too loose (insufficient seal) or too tight (discomfort), try using another size.
To remove the earphones from the ears, hold them by the "leg" and pull them out gently with a small rotation in order to break the seal.

Do not pull on the cable to remove the earphones from your ear.

b. Ear tips

The silicone ear tips are washable and better for use during exercise. The Comply™ foam ear tips are better at filtering out ambient noise, making them the best choice for travel or use in noisy surroundings.
To change the ear tips (foam or silicone), grab the ear tip in the middle and pull it slowly until it comes loose. Do not use your fingernails or any other sharp object to remove the ear tips, as otherwise they could be damaged.



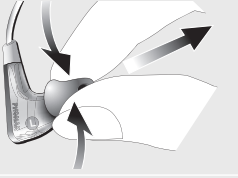
c. Audio filters

The audio filters have an essential acoustic function for the frequency response of the Audéo PFE. The purpose of this filter is to deliver sound that matches what one perceives when listening with non-occluded ears. Different kinds of audio filters are available for Audéo PFE: The grey filter is for enhanced perception of the mid-frequencies, the black audio filter for enhanced bass and treble and green filters for Perfect Bass. The green audio filter for Perfect Bass is mounted on the Audéo PFE by default. Because each individual's perception of sound is unique, Audéo PFE allows you to choose the filter that suits your personal preferences. Another function of the audio filter is to prevent dirt from entering the sound tube.

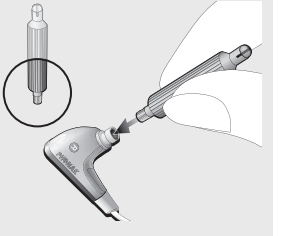
- Make sure that the audio filters are in place before using the Audéo PFE. Audéo PFE only function correctly if the audio filters are inserted in the output tube.
- Replace the audio filters when they become dirty or clogged and the sound of the Audéo PFE is affected.
- Always use audio filters having the same color for both the right and left earphone.

To replace the audio filters proceed as follows:

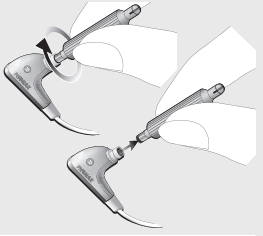
1. To change the ear tips (foam or silicone), grab the ear tip in the middle and pull it slowly until it comes loose.



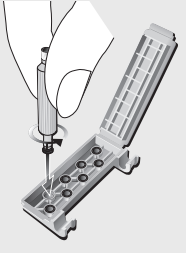
2. Gently push and twist the "threaded end" of the changing tool into the used audio filter.



3. Do not overtwist the tool; stop when you feel a slight resistance (about 1 rotation) or you could damage the audio filter. Pull the used audio filter out.

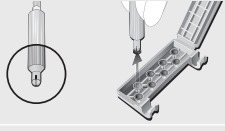


4. So you can reuse the audio filter, insert it in an empty slot in the audio filter box; turn and remove the changing tool. Dispose of any soiled or damaged audio filters.

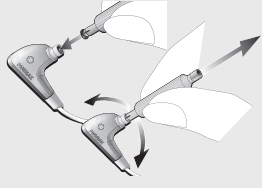


5. Proceed with placing a new audio filter in the earphones. Make sure that the audio filter is sitting in the dispenser with the open side facing upwards.

6. Press the "flat end" of the changing tool into the filter ring and pull out vertically.



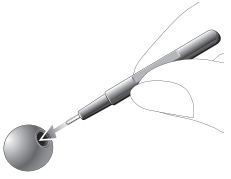
7. Push the new audio filter into the sound tube of your earphones. Tip the changing tool sideways to release it.

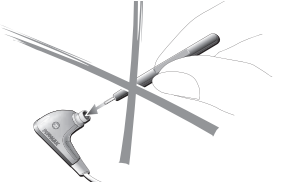


d. Maintenance

To extend the lifetime of your earphones, keep them clean and follow the recommendations below.

- The cleaning tool is for the tube of the ear tips (silicone or foam) and serves to remove earwax build-up.
- Never use the cleaning tool for the earphone sound tube!





- The silicone ear tips should be cleaned regularly with water and mild soap, or with an antiseptic wipe. Always make sure that the ear tips are dry before reusing.
- Comply™ foam tips cannot be cleaned. They should be replaced when they become soiled.
- After extended us, the Comply™ foam tips may no longer seal properly because they lose their elasticity. Please replace them with new Comply™ foam tips.
- The earphones can be cleaned with an antiseptic wipe.

5. Technical characteristics

Driver:	high precision balanced armature
Sensitivity:	107 dB SPL / mW, 1 kHz
Impedance:	32 Ohm, 1 kHz
Frequency range:	5 Hz – 17 kHz
Cord length:	3.6 ft / 110 cm
Weight:	0.5 oz / 14 g
Connector:	⅛ inch / 3.5 mm gold-plated stereo jack

6. Certification

© 2010 Phonak. All rights reserved. Audéo and the Audéo Logo are trademarks of Phonak. Swiss design.

Audéo earphones conform to EMC Directive 2004/108/EC and have been tested according to European Standards EN 55022:2006 and EN 55024:1998.

Audéo earphones meet applicable criteria listed in European Standard EN 50332-2:2003.

Comply™ is a registered trademark of Hearing Components. Manufactured under Hearing Components U.S. patent number 4,880,076 and 5,002,151 and international equivalents.

Audéo PFE should not be discarded in a trash receptacle. To discard Audéo PFE, take them to an approved collection site.

7. Audéo PFE: limited warranty

Phonak AG warrants that this product will be free from defects in materials or workmanship for a period of two (2) years from the date of original retail purchase. This warranty is available only to the original retail purchaser, and only if the product was purchased through the official Webshop or an authorized retailer. Upon a breach of this warranty, Phonak AG will, at its sole discretion, replace or repair the product. If Phonak AG replaces the product, you are entitled to a replacement of equal or at least equivalent quality and technical functionality. When we replace the product, the replaced product becomes the property of Phonak and the new product becomes your property.

Repair or replacement shall be your sole remedy upon any breach of this warranty. In particular, Phonak AG shall not be responsible or liable to you for any money damages, including for any special, incidental or consequential damages, even if Phonak AG was aware of the possibility of such categories of damages.

If your product evidences a defect within the warranty period, you may make a warranty claim, by presenting the defective product and valid proof of purchase from one of our authorized retailers or the Webshop.

If you ordered the product through the Webshop, you can return it to the address on your invoice. You must return a copy of the proof of purchase with the product.

This warranty applies only to the external shell of the product and all internal components. The ear tips, cleaning tool, audio filters (incl. dispenser and replacement tool), ear guides, carrying case and adapters for mobile telephones are not covered by this warranty.

This warranty is available to you only if the product was handled properly, subject to normal use, and used solely for the purpose intended. This warranty does not cover normal wear and tear, damage caused by acts of God or misuse. In addition, this warranty does not apply if the product or individual components were repaired or modified by anyone other than Phonak.

This warranty is in lieu of all other standard implied warranties if the law allows, or if not, only to the extent the laws allows. **WITHOUT LIMITING THE GENERALITY OF THE PRIOR SENTENCE, PHONAK AG HEREBY DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** In some countries, implied warranties cannot be limited. Under certain conditions, these limitation or exclusions may therefore not apply to you.

This warranty replaces all other warranties for this product.